

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #29—December 3, 2007

Work Completed: November 15-November 27, 2007

- Continued excavating sediment downstream of the water control structure in preparation for the installation of downstream erosion protection measures. Completed installing gabion baskets immediately downstream of the water control structure.
- Continued excavating and grading of embankment material near the Plainwell Dam. Continued demolishing the former powerhouse's concrete foundations.
- Continued decontaminating and removing the 500 gpm treatment system.
- Continued loading and transporting stockpiled solidified non-TSCA material from Staging Areas 3S and 5S to Allied Waste's Ottawa County Farms landfill in Coopersville, Michigan. Continued solidifying excavated soil and sediment at Staging Areas 3S and 5S.
- Continued surveying and performing sampling and analysis of excavated portions of Removal Area 7, the Phase 1 Cofferdam Area, and the Plainwell Dam embankment.
- Continued installing a catwalk, railings, hoist rails, stop logs, and concrete at the water control structure.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	3255	93
Total to Date	2,345	67	25,235	721

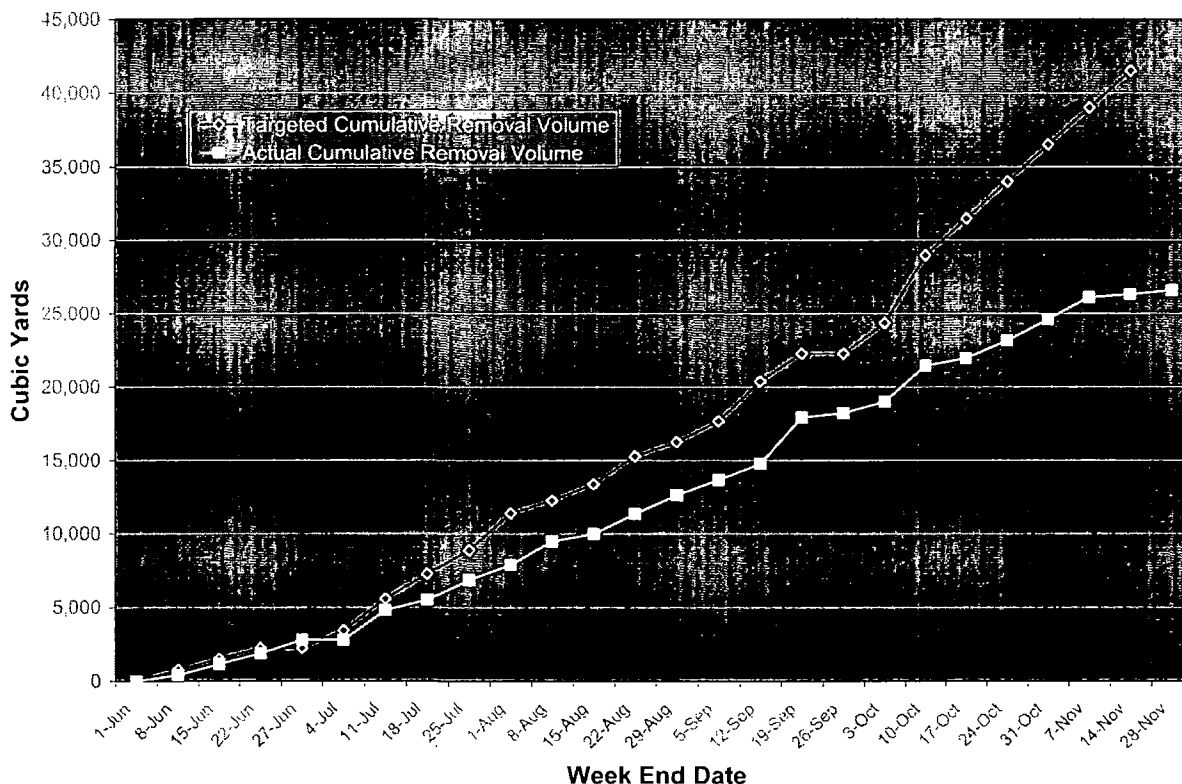
** All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: November 28-December 5, 2007

- Complete the installation of a silt curtain at Removal Area 8B.
- Begin excavating soil and sediment from Removal Area 8B.
- Continue excavating and grading of embankment material near the Plainwell Dam.
Continue demolition of former powerhouse foundations.
- Complete the decontamination and removal of the 500 gpm treatment system.
- Continue loading and transporting solidified non-TSCA material from Staging Areas 3S and 5S to Allied Waste's Ottawa County Farms landfill in Coopersville, Michigan.
Continue solidifying excavated soil and sediment at Staging Areas 3S and 5S.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Area 7, the Phase 1 Cofferdam Area, and the Plainwell Dam embankment.
- Continue installing a catwalk, stop logs, and concrete at the water control structure.
- Complete the placement of topsoil in Removal Area 7B.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

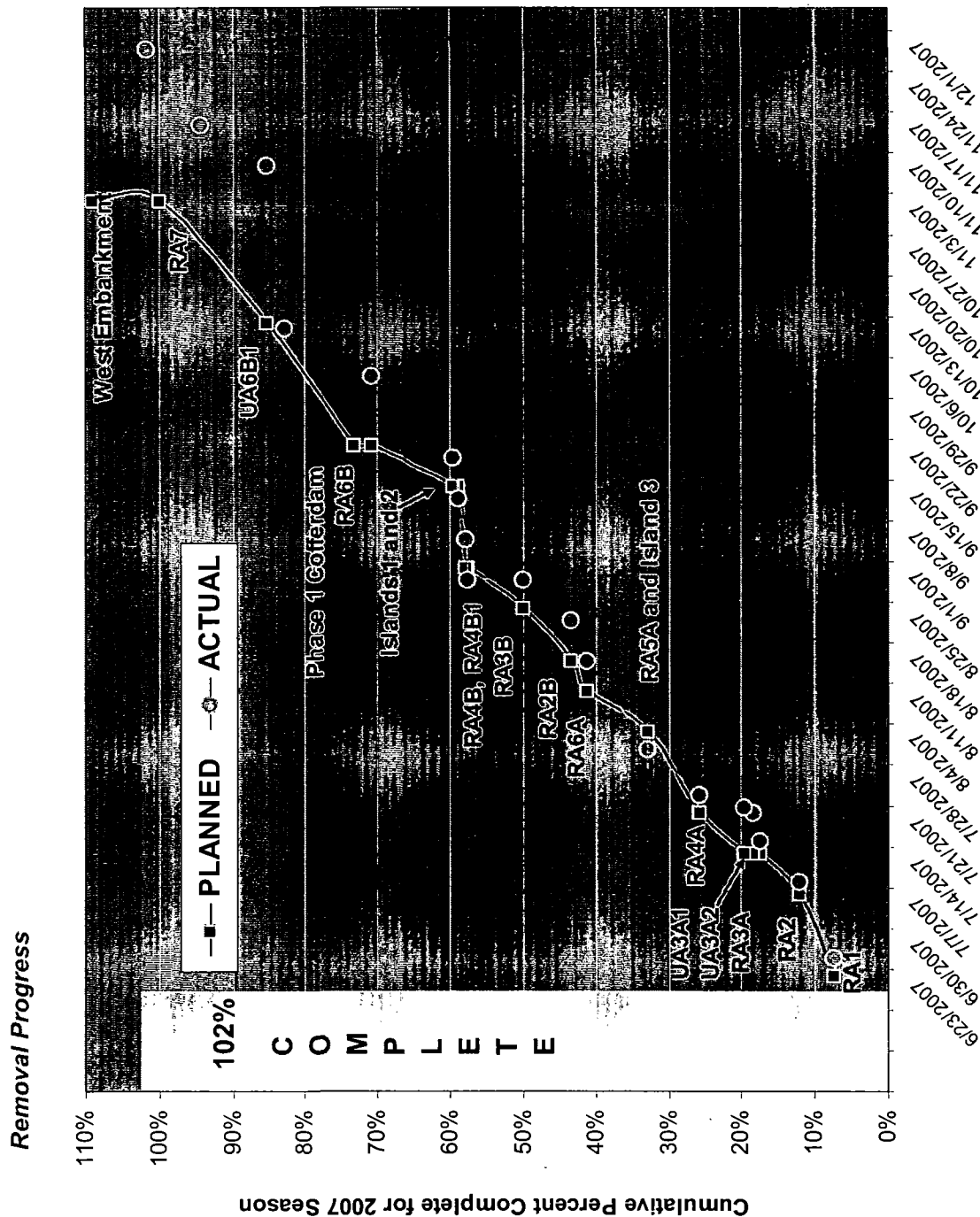
Removal Progress



Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.



Health & Safety Update

- 4 Loss Prevention Observations (LPOs) were completed this week.
A total of 90 LPOs have been completed for the project to date.
- The power lines at the Plainwell Dam remain de-energized.

Weather Summary

- None.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: No Discharge

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ in Removal Area(s):

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	11/15/07	11/16/07	11/17/07	11/18/07	11/19/07	11/20/07	11/21/07	11/22/07	11/23/07	11/24/07	11/25/07	11/26/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	2	2	2	2	2	2	2	2	2	2	2	2
Hitachi 450 Excavator with Breaker	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu D65 Dozer	1	1	1	1	1	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2	2	2	2	2	2

Personnel, Regulatory Staff, and Visitors on Site

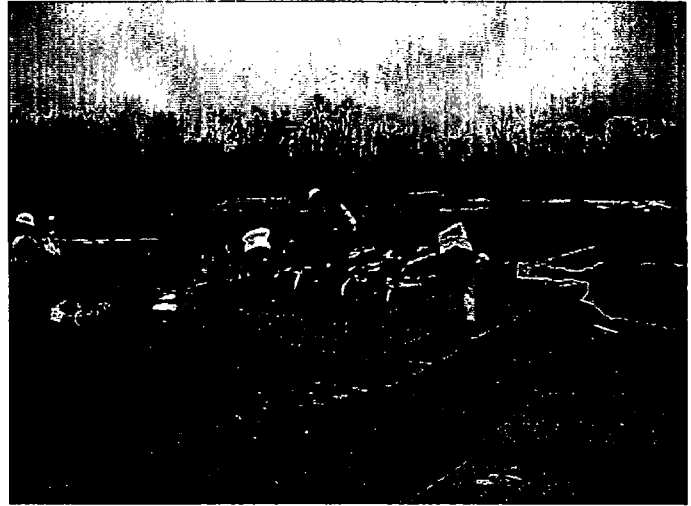
Individual/Affiliation	11/15/07	11/16/07	11/17/07	11/18/07	11/19/07	11/20/07	11/21/07	11/22/07	11/23/07	11/24/07	11/25/07	11/26/07
Terra Contracting Staff	15	15	10	0	15	15	15	0	6	0	0	15
Jim Saric/USEPA												
Michael Berkoff/USEPA												
Mike Ribordy/USEPA OSC					X							
Craig Thomas/USEPA												X
Paul Bucholtz/MDEQ					X							
John Bradley/MDEQ												
John Lerg/MDNR												X
Weston Contractors	1	1			4	1						
CDM Contractors					2							
Chase Fortenberry/KRSG												
Mike Erickson/ARCADIS BBL												
Steve Garbaciak/ARCADIS BBL												
Doug Cowin/ARCADIS BBL												
Eric Hritsuk/ARCADIS BBL												
Rich Price/ARCADIS BBLES	X	X										X
Matt Bowman/ARCADIS BBLES												
EJ Suardini/ARCADIS BBLES					X	X	X					X
Adam Chwalibog/ARCADIS BBL	X	X	X		X	X	X					X
Mike Kohagen/ARCADIS BBLES	X	X	X		X	X	X		X			X
Michelle Rumler/ARCADIS BBL	X	X			X	X	X					X
Joe Willoughby/ARCADIS BBLES	X	X			X	X	X					X
Steven Montagna/ARCADIS BBL	X											X
Nick Harmer/ARCADIS BBL	X											X
Other Subcontractors (Specify)												
Schrader (Treatment System)												
King Construction (WCS/Cofferdam)	4	4			4	4	4					4

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Photos from Week #29



Loading processed material into a tractor trailer at Staging Area 3S.



Crew members assembling gabion baskets. The baskets will be used to limit scouring in downstream areas.



Breaking concrete at the Plainwell Dam.



Installing concrete for the water control structure.

